



U.S. DEPARTMENT OF ENERGY
Office of Electricity Delivery and Energy Reliability
Infrastructure Security and Energy Restoration

ENERGY ASSURANCE DAILY

Thursday Evening, June 13, 2013

Major Development

Massive Storm System Cuts Power to 611,000 Utility Customers from the Midwest to the Mid-Atlantic June 12–13; Outages Increasing as System Moves East

A massive storm system moved today toward the Mid-Atlantic after causing widespread power outages through the Midwest Wednesday night. The U.S. National Weather Service reported severe thunderstorms in parts of the Mid-Atlantic Thursday were expected to bring significant wind damage, along with heavy rainfall and the possibility of large hail and tornadoes. The storms have cut power to 610,951 customers since Wednesday night. As of 4:00 p.m. EDT Thursday, 448,863 customers were without power and outages were increasing in the Mid-Atlantic as the storm system moved east. In the Midwest, NIPSCO was hit hardest by the storms last night. NIPSCO said Thursday afternoon that more than 45,000 of its customers in Indiana lost power due to damaged utility poles and downed trees and limbs. The utility and contracted crews were working around the clock to restore as many customers as possible today. Restoration for most of the remaining customers is expected by late Friday evening.

<http://www.weather.gov/>

Midwest and Mid-Atlantic Customer Power Outages			
June 12–13			
Electric Utility	State	Peak	Latest Reported
Alliant Energy (Iowa)	IA	2,700	256
Ameren Illinois	IL	1,600	419
ComEd	IL	39,000	261
Indiana-Michigan Power	IN/MI	16,000	15,629
NIPSCO	IN	45,000	5,121
Delmarva	MD/DE	9,645	8,311
First Energy (Maryland)	MD	2,535	2,535
Pepco	MD	41,000	41,000
Consumers Energy	MI	23,000	11,986
Midwest Energy Cooperative	MI	2,000	981
Ameren Missouri	MO	9,100	189
Duke Energy	NC	86,665	86,665
Progress Energy	NC	19,000	19,000
AEP Ohio	OH	39,000	8,891
Duke Energy (Ohio)	OH	3,404	2,849
First Energy (Ohio)	OH	3,374	855
South Central Power	OH	930	369
Duquesne Light Co.	PA	1,700	200
First Energy (Penn.)	PA	3,906	3,906
PECO	PA	2,306	2,306
PPL Utilities	PA	797	797
AEP (Tenn.)	TN	2,978	2,849
Memphis Gas Water & Light	TN	4,147	4,147
AEP (Virginia)	VA	95,728	95,728
Dominion	VA	92,414	92,414
Rappahannock Electric Coop.	VA	4,874	4,874
We Energies	WI	21,000	4
AEP (West Virginia)	WV	20,135	19,308
First Energy (West Virginia)	WV	17,013	17,013
TOTAL*		610,951	448,863

*Total outages represent only electric utilities listed in this table.

Sources:

http://www.leadertelegram.com/news/daily_updates/article_f63f3806-d423-11e2-b25f-0019bb2963f4.html
<http://www.alliantenergy.com/CustomerService/StormandOutageCenter/OutageSummary/index.htm>
<http://www.sj-r.com/northern-Illinois-storm-tornadoes>
<http://apps.ameren.com/outage/OutageMap.aspx?state=IL>
<http://www.ksdk.com/news/article/384315/3/Storms-pelt-Midwest-with-rain-winds-hail>
https://www.comed.com/_layouts/comedsp/OutageMap.aspx
<https://indianamichiganpower.com/outages/>
<http://www.fox19.com/story/22579620/power-outages-remain-in-n-ind-following-storm>
<http://www.nipscooutages.com/WSSNisourceOutageMap/outagemap.html?action=city&reloaded=true>
<http://www.delmarva.com/home/emergency/maps/stormcenter/>
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<http://www.consumersenergy.com/outagemap>
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<http://www.stltoday.com/news/about-customers-mostly-in-south-st-louis-without-power-tonight>
<http://apps.ameren.com/outage/OutageMap.aspx?state=MO>
<http://www.duke-energy.com/north-carolina/outages/current.asp>
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<https://www.dom.com/storm-center/dominion-electric-outage-summary.jsp>
<http://www.myrec.coop/outage-center/outage-summary.cfm>
<http://www.jsonline.com/hundreds-still-without-power-in-milwaukee-area-after-storm>
<http://www.we-energies.com/outagemapext/default.html>
<https://www.appalachianpower.com/outages/>
<http://outages.firstenergycorp.com/mdwv.html>

Electricity

Circulating Water Pump Trip Shuts PSE&G's 1,049 MW Hope Creek Nuclear Unit 1 in New Jersey June 12

Public Service Electric & Gas (PSE&G) reported that on Tuesday afternoon, the Hope Creek Unit 1 B Circulating Water Pump tripped with a stuck open discharge valve resulting in a vacuum transient. Operators lowered reactor power from 100 percent in an effort to stabilize the condenser vacuum, and then manually shut the reactor, according to a filing with the U.S. Nuclear Regulatory Commission. All control rods inserted as required. The plant is stable in hot shutdown.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2013/20130613en.html>

Update: PPL's 1,105 MW Susquehanna Nuclear Unit 1 in Pennsylvania Restarts by June 12, Ramps Up to 13 Percent by June 13

Susquehanna 1 is returning from an outage that began on June 7, when operators manually scrambled the reactor during startup when all turbine bypass valves unexpectedly opened. At the time of the incident, Unit 1 had been returning from an outage that began on May 9, when operators shut the reactor to install turbine modifications. On the morning of June 12 the unit was operating at 1 percent.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

Update: AES's 496 MW Redondo Natural Gas-Fired Unit 8 in California Returns to Service by June 12

The unit returned from an unplanned outage that began by June 7.

<http://content.caiso.com/unitstatus/data/unitstatus201306121515.html>

Potomac Edison and Mon Power Continue Vegetation Management Work to Enhance System Reliability in Maryland and West Virginia

FirstEnergy Corp. on Wednesday reported that two of its subsidiary utilities, Potomac Edison and Mon Power, are continuing to conduct vegetation management work across their service territories in Maryland and West Virginia as part of ongoing efforts to help enhance system reliability. To date, Potomac Edison tree contractors have trimmed more than 1,200 circuit miles of electric lines as part of its program 2013, with an additional 1,400 miles expected to be completed by year end. Mon Power tree contractors have trimmed more than 1,535 circuit miles of electric lines to date this year, with an additional 2,400 miles expected to be completed by year-end.

<https://www.firstenergycorp.com/potomac-edison-continues-vegetation-management-work-to-enhance-s.html>

<https://www.firstenergycorp.com/mon-power-continues-vegetation-management-work-to-enhance-system.html>

Petroleum

Lightning Strike Shuts Units at Citgo's 167,000 b/d Lemont, Illinois Refinery June 13

Citgo Petroleum Corp. reported units were shut at its Lemont refinery on Wednesday after the refinery was struck by lightning, according to a filing with the U.S. National Response Center. The incident led to sulfur dioxide emissions. Reuters, 00:11 June 13, 2013

Kinder Morgan Shuts 307,000 b/d Trans Mountain Pipeline in British Columbia Due to Spill June 13

Kinder Morgan on Wednesday shut its 307,000 b/d TransMountain crude oil pipeline after a spill was discovered near Merritt, British Columbia, according to the Canadian National Energy Board (NEB). The size of the spill has yet to be determined.

<http://www.neb-one.gc.ca/clf-nsi/rthnb/nws/nwsrsls/2013/nwsrsls18-eng.html>

Truck Collides with Gas Pipeline, Causes Explosion near an Oil Well in Southeast Michigan June 12

http://www.mlive.com/news/jackson/index.ssf/2013/06/witness_to_oil_refinery_explos.html

Natural Gas

Update: Spectra Resumes Normal Operations at Its Delhi Compressor Station in Louisiana by June 13

Southeast Supply Header, LLC (SESH), a joint venture between Spectra Energy and CenterPoint Energy, on Thursday said it has returned its Delhi natural gas compressor station in northeast Louisiana to service after an unplanned outage that began on June 4. SESH is a 274-mile, 1 Bcf/d pipeline that extends from Perryville Hub in northeastern Louisiana to the Gulfstream Natural Gas System, LLC pipeline near southern Mobile County, Alabama.

<http://infopost.spectraenergy.com/infopost/>

Other News

Nothing to report.

International News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices June 13, 2013			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	95.75	95.04	82.99
NATURAL GAS Henry Hub \$/Million Btu	3.74	3.99	2.17

Source: Reuters

Links

This Week in Petroleum from the U.S. Energy Information Administration (EIA)

<http://www.eia.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

Weekly Petroleum Status Report from EIA

http://www.eia.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html

Updated after 10:30 AM & 1:00 PM ET every Wednesday.

Natural Gas Weekly Update from EIA

<http://www.eia.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM ET every Thursday.

ENERGY ASSURANCE DAILY

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<http://www.oe.netl.doe.gov/ead.aspx>

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